

Run Fooocus in Jupyter Notebook

Overview

Foocus is an open-source image generating model.

In this tutorial, you'll run Fooocus in a Jupyter Notebook and then launch the Gradio-based interface to generate images.

Time to complete: ~5 minutes

Prerequisites

The minimal requirement to run Fooocus is:

- 4GB Nvidia GPU memory (4GB VRAM)
- 8GB system memory (8GB RAM)

RunPod infrastructure

1. Select **Pods** and choose **+ GPU Pod**.
2. Choose a GPU instance with at least 4GB VRAM and 8GB RAM by selecting **Deploy**.
3. Search for a template that includes **Jupyter Notebook** and select **Deploy**.
 - Select **RunPod Pytorch 2**.
 - Ensure **Start Jupyter Notebook** is selected.
4. Select **Choose** and then **Deploy**.

Run the notebook

1. Select **Connect to Jupyter Lab**.
2. In the Jupyter Lab file browser, select **File > New > Notebook**.



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3. In the first cell, paste the following and then run the Notebook.

```
!pip install pygit2==1.12.2
!pip install opencv-python==4.9.0.80
%cd /workspace
!git clone https://github.com/llyasviel/Fooocus.git
%cd /workspace/Fooocus
!python entry_with_update.py --share
```

Launch UI


Look for the line:

```
App started successful. Use the app with ....
```

And select the link.

Explore the model

Explore and run the model.

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